| Inde | ex of CI | aims |  |
|------|----------|------|--|
|      |          |      |  |

| Application No. | Applicant(s)  |
|-----------------|---------------|
| 10/672,500      | BEHNEN ET AL. |
| Examiner        | Art Unit      |
| Paul Dinh       | 2825          |

| 1 | Rejected |  |
|---|----------|--|
| = | Allowed  |  |

| - | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| N | Non-Elected  | A | Appeal   |
|---|--------------|---|----------|
| - | Interference | 0 | Objected |

|          |                |  |               |          |          |  | 1        |          | _        |              |   |          |                                  |
|----------|----------------|--|---------------|----------|----------|--|----------|----------|----------|--------------|---|----------|----------------------------------|
| Cla      | im             |  |               | -        |          | Date   | <u> </u> |          | -        |              | 1 | Cla      | im                               |
| <u>"</u> |                | _  |               | 7        |          | <u> </u>   |          |          |          |              |   | <u> </u> |                                  |
| _        | <u>a</u>       | 7  | 4             | 2        |          |  |          |          |          | l            |   | <u></u>  | اهر                              |
| Final    | <u>:</u>       | 7/26/04  | 11/8/04       | 3        |          |  |          |          |          |              |   | Final    | Original                         |
| ╽╚╴╴     | Original       | 2  | Ξ.            | 25       |          |  |          |          |          | l            |   | ш        | ō                                |
| ├        |                |  | <del> </del>  | - 3      |          | <u> </u>   | _        |          | _        | ⊢            |   |          |                                  |
| <u> </u> | 1              | +  | V             | V        |          | _  |          | _        |          | ┡            |   |          | 51                               |
|          | 2              | +  |               | <u> </u> | -        | <u> </u>   | _        | $\vdash$ | _        | -            |   |          | 51<br>52<br>53<br>54<br>55       |
| ├        |                | +  | N             | ⊢        | _        |  |          | _        | _        | <del> </del> |   |          | 53                               |
| <u> </u> | 1              | +  | N             |          | _        | ⊢  |          | _        |          | ⊢            |   |          | 54                               |
| <u> </u> | 5              | +  | N             |          |          |  |          |          | _        | ├            |   |          | 55                               |
| <u> </u> | 3              | +  | N             | H        |          | <u> </u>   |          |          |          | <u> </u>     |   |          | 20                               |
| <u> </u> | 1              | +  | N             |          |          | <u> </u>   | _        |          | _        | ⊢            |   |          | 5/                               |
| ├──      | 8              | +  | N             | L        | _        | _  | _        |          | -        | ┡            |   |          | 56<br>57<br>58<br>59             |
| <u> </u> | 9              | +  | N             | <u> </u> |          | _  |          |          |          | _            |   |          | 59                               |
|          | 10             | +  | N             | _        |          | <u> </u>   |          |          | _        | <u> </u>     |   |          | 60<br>61<br>62                   |
| ļ        |                | +  | N             | L        |          | <u> </u>   |          | $\vdash$ | _        | <u> </u>     |   |          | 61                               |
|          | 12             | +  | N             | ╙        |          |  |          |          |          | _            |   |          | 62                               |
|          | 13             | +  | N             | L        |          |  |          | <u> </u> |          |              |   |          | 63                               |
|          | 14             | +  | N             | <u> </u> |          |  |          | L_       |          | <u> </u>     |   |          | 63<br>64<br>65                   |
|          | 15             | +  | N             | Ш        |          |  |          | ш        |          | L            |   |          | 65                               |
| L        | <b>1</b> 6     | <u>+</u>   | N             | Щ        |          | _  |          |          |          |              |   |          | 66<br>67                         |
| <u> </u> | 17             | <u> </u>   | N             |          |          | L  |          |          |          | _            |   |          | 67                               |
|          | 18<br>19<br>20 | +  | ٧             | ٧        |          | L  |          |          |          |              |   |          | 68<br>69                         |
|          | 19             | +  | N             |          |          |  |          |          |          |              |   |          | 69                               |
|          |                |  |               |          |          |  |          |          |          |              |   |          | 70                               |
|          | 21<br>22<br>23 |  |               |          |          |  |          |          |          |              |   |          | 71                               |
|          | 22             |  |               |          |          |  |          |          |          |              |   |          | 72                               |
|          | 23             |  |               |          |          |  |          |          |          |              |   |          | 71<br>72<br>73<br>74<br>75<br>76 |
|          | 24<br>25       |  |               |          |          |  |          |          |          |              |   |          | 74                               |
|          | 25             |  |               |          |          |  |          |          |          |              |   |          | 75                               |
|          | 26             |  |               |          |          |  |          | <u> </u> |          |              |   |          | 76                               |
|          | 27             |  |               |          |          |  |          |          |          |              |   |          | 77                               |
|          | 28             |  |               |          |          |  |          |          |          |              |   |          | 78                               |
|          | 29<br>30       |  |               |          |          |  |          |          |          |              |   |          | 79                               |
|          | 30             |  |               |          |          |  |          |          |          |              |   |          | 80                               |
|          | 31             |  |               |          |          |  |          |          |          |              |   |          | 81                               |
|          | 32             |  |               |          |          |  |          |          |          |              |   |          | 82<br>83                         |
|          | 33             |  |               |          |          |  |          |          |          |              |   |          | 83                               |
|          | 34             |  |               |          |          |  |          |          |          |              |   |          | 84                               |
|          | 35             |  |               |          |          |  |          |          |          |              |   |          | 85<br>86<br>87                   |
|          | 36             |  |               |          |          |  |          |          |          |              |   |          | 86                               |
|          | 37             |  |               |          |          |  |          |          |          |              | 1 |          | 87                               |
|          | 38             |  |               |          |          |  |          |          |          |              |   |          | 88                               |
|          | 39             | Π  |               |          |          |  |          |          |          |              |   |          | 89                               |
|          | 40             | Τ  |               |          |          | Г  |          |          |          |              |   |          | 90                               |
|          | 41             |  |               |          |          |  |          |          |          |              |   |          | 91                               |
|          | 42             | П  | $\overline{}$ | П        |          | Г  |          |          |          | Г            |   |          | 92                               |
|          | 43             | T  |               | П        |          |  |          |          |          |              | 1 |          | 93                               |
|          | 44             | Г  | $\vdash$      | П        |          | <u> </u>   |          |          |          |              | ı |          | 94                               |
|          | 45             | T  |               |          | Г        |  |          |          |          |              |   |          | 95                               |
| <b></b>  | 46             | T  |               |          | $\vdash$ | $\vdash$   |          | Н        |          |              |   |          | 96                               |
|          | 47             | T  | $\vdash$      |          | $\vdash$ | $\vdash$   |          | М        |          | <u> </u>     |   |          | 97                               |
|          | 48             | T  | <u> </u>      | $\vdash$ | _        | <del>                                     </del> |          |          | <b>-</b> | $\vdash$     |   |          | 98                               |
|          | 49             | <del>                                     </del> | H             | Н        |          | $\vdash$   | Н        | Н        | Н        | <u> </u>     |   |          | 99                               |
|          | 50             |  | _             |          |          | $\vdash$   | $\vdash$ | Н        | $\vdash$ | $\vdash$     |   |          | 100                              |
|          |                |  |               |          |          |  |          |          |          |              |   |          |                                  |

| Cla  | aim      | Date     |          |          |  |  |  |          |          |          |
|--|----------|----------|----------|----------|--|--|--|----------|----------|----------|
| Final  | Original |          |          |          |  |  |  |          |          |          |
|  | 51<br>52 |          | $\vdash$ | $\vdash$ | <del>                                     </del> | -  |  | -        | Т        | Т        |
|  | 52       |          |          |          |  |  |  |          |          |          |
|  | 53       |          |          |          |  |  |  |          |          |          |
|  | 54       |          | L        | _        | _  | L  | <u> </u>   | L        |          |          |
|  | 55       |          | _        | <u> </u> | <u> </u>   | L  | <u> </u>   |          | _        |          |
|  | 56       | _        | <u> </u> | <u> </u> | <u> </u>   |  | _  | _        | _        |          |
| <u> </u>   | 57<br>58 |          | <u> </u> | -        | ┝  | ⊢  | ⊢  | <u> </u> | <u> </u> |          |
|  | 59       | -        |          | ├─       | ┢  | H  | H  | _        | <u> </u> | ⊢        |
|  | 60       | -        | _        | -        | -  |  | $\vdash$   | -        | $\vdash$ |          |
| <del>                                     </del> | 61       | $\vdash$ | $\vdash$ | $\vdash$ | $\vdash$   | $\vdash$   |  | -        | $\vdash$ | $\vdash$ |
| <u> </u>   | 62       | $\vdash$ | Ι        | ┢        | <del>                                     </del> | <del>                                     </del> | <del>                                     </del> | $\vdash$ | Ι        | $\vdash$ |
|  | 63       | Г        |          |          | T  | Г  |  |          | <u> </u> | Т        |
|  | 64       |          |          | <u> </u> |  |  |  |          |          |          |
|  | 65       |          |          |          |  |  |  |          |          |          |
|  | 66       |          |          | oxdot    | $\Box$   |  |  |          |          |          |
|  | 67       |          |          | <u> </u> | L  |  |  |          |          |          |
|  | 68       |          |          | <u> </u> | _  |  |  |          |          | _        |
|  | 69       |          |          | <u> </u> | <u> </u>   | ļ  |  |          |          |          |
|  | 70       | <u> </u> | <u> </u> | <u> </u> | <u> </u>   | <u> </u>   | <u> </u>   | _        | <u> </u> | <u> </u> |
| <u> </u>   | 71       | <u> </u> |          | -        | -  | -  | ⊢  | _        | <u> </u> | ⊢        |
|  | 72       | <u> </u> |          |          |  | -  | -  |          |          | _        |
|  | 73<br>74 | $\vdash$ | -        | ├─       |  | ⊢  | H  | ├        | ├        | -        |
|  | 75       | $\vdash$ | $\vdash$ | <u> </u> | ┢  | H  | ┢  | ┢        | $\vdash$ | ⊢        |
| <u> </u>   | 76       | <u> </u> | $\vdash$ |          | -  |  | ┢  | -        |          | <u> </u> |
|  | 77       | $\vdash$ |          |          | _  | $\vdash$   | Г  |          | $\vdash$ | <u> </u> |
|  | 78       |          |          |          |  |  |  |          |          | $\vdash$ |
|  | 79       |          |          |          |  |  |  |          |          |          |
|  | 80       |          | 匚        |          | L  |  |  |          | L        | L        |
|  | 81       |          | _        |          |  |  |  | L_       | _        | _        |
|  | 82       | <u> </u> | <u> </u> | L        | L  |  |  |          | <u> </u> |          |
| ļ  | 83       | <u> </u> |          | _        | <u> </u>   | ┝  | <u> </u>   |          | -        | -        |
| <u> </u>   | 84<br>85 | <u> </u> | ⊢        |          | <u> </u>   | H  | H  | -        | -        | <u> </u> |
| $\vdash$   | 86       | $\vdash$ | $\vdash$ |          | $\vdash$   | -  | ├  | ├        | $\vdash$ | $\vdash$ |
| <del></del>                                      | 87       | $\vdash$ | $\vdash$ | $\vdash$ | -  | $\vdash$   | -  |          | -        | $\vdash$ |
|  | 88       | -        | _        | -        |  | H  |  | $\vdash$ |          | -        |
|  | 89       |          |          |          | ┢  | -  | Т  |          |          | Т        |
|  | 90       | Г        | _        | $\vdash$ | Г  | Г  | Г  | Т        | Т        | Г        |
|  | 91       |          |          | L        |  |  |  |          |          |          |
|  | 92       |          |          |          |  |  |  |          |          |          |
|  | 93       |          |          |          |  | Ĺ  | Щ  |          |          | L        |
|  | 94       |          | L        | <u> </u> | L  | L  | L  | L        | L        | Ц        |
| <u> </u>   | 95       | L        | <u> </u> | <u> </u> | <u> </u>   | <u> </u>   | $\vdash$   | <u> </u> | <u> </u> | Ш        |
|  | 96       | $\vdash$ | <u> </u> | $\vdash$ | ļ  | <u> </u>   | <u> </u>   | _        | <u> </u> | <u> </u> |
|  | 97       | $\vdash$ | <u> </u> | -        | $\vdash$   | $\vdash$   | -  | -        | <b>-</b> | -        |
|  | 98<br>99 | $\vdash$ | $\vdash$ | ├        | Ι—   | $\vdash$   | ├  |          | $\vdash$ | $\vdash$ |
| $\vdash$   | 100      | ⊢        | H        | ├        | H  | H  | Η-   | H        | $\vdash$ | H        |
|  |          |          |          |          |  |  |  |          |          |          |

|            |                   |          |   |  |          |          |   |          | ļ        |                 |  |  |
|------------|-------------------|----------|---|--|----------|----------|---|----------|----------|-----------------|--|--|
|            |                   | Date     |   |  |          |          |   |          |          |                 |  |  |
| Cli        | aim               |          |   | _  |          | Jate     | _   |          |          | -               |  |  |
| -          | Original          |          |   | }  |          |          |   |          |          |                 |  |  |
| Final      | igi               |          |   |  |          |          |   |          | . '      |                 |  |  |
| "          | Ō                 |          |   |  |          |          |   |          |          |                 |  |  |
|            | 101               |          |   | $\vdash$   |          |          |   | Н        | -        |                 |  |  |
|            | 102               |          |   |  |          |          |   |          |          |                 |  |  |
|            | 103               |          |   |  |          |          |   | Г        |          |                 |  |  |
|            | 104<br>105        |          |   |  |          |          |   |          |          |                 |  |  |
|            | 105               |          |   |  |          |          |   |          |          |                 |  |  |
|            | 106               |          |   |  |          |          |   | _        |          |                 |  |  |
|            | 107               |          |   |  |          |          |   |          |          | Щ               |  |  |
|            | 108               |          |   | <u> </u>   |          |          | <u> </u>                                    |          | _        |                 |  |  |
| ļ —        | 109               | _        |   |  | _        |          | $\vdash$                                    | _        | _        | _               |  |  |
|            | 110<br>111        |          | _ |  |          |          |   | $\vdash$ | $\vdash$ |                 |  |  |
| <b></b>    | 112               | $\vdash$ | _ | $\vdash$   | H        | H        | H   | H        | ⊢        | Н               |  |  |
|            | 113               | -        |   |  | H        | $\vdash$ | $\vdash$                                    | H        | $\vdash$ | $\vdash$        |  |  |
|            | 114               |          |   |  | -        | -        | -   | Н        | H        | $\vdash \vdash$ |  |  |
|            | 115               |          |   |  |          |          |   |          |          | П               |  |  |
|            | 115<br>116        |          |   | П  |          | П        | П   | Г        | Г        | П               |  |  |
|            | 117               |          |   |  |          |          |   |          |          |                 |  |  |
|            | 118               |          |   |  |          |          |   |          |          |                 |  |  |
|            | 119               |          |   |  |          |          |   |          |          |                 |  |  |
| <u> </u>   | 120               |          |   | L_   |          |          | L   | <u></u>  |          |                 |  |  |
|            | 121<br>122        |          |   |  |          |          |   |          |          |                 |  |  |
|            | 122               |          |   |  |          | L        | _   |          |          | Ш               |  |  |
|            | 123<br>124<br>125 | _        |   |  | _        | <u> </u> | _   | $\vdash$ | _        | Ш               |  |  |
| <u> </u>   | 124               |          |   |  | ļ        |          | <u> </u>                                    | _        | <u> </u> | H               |  |  |
| ļ          | 125               |          |   | -  | _        | H        | _   |          | <u> </u> | Н               |  |  |
|            | 126<br>127        | _        |   | H  | $\vdash$ | $\vdash$ | -   |          | -        | Н               |  |  |
|            | 128               | _        |   | -  | $\vdash$ | -        | -   | -        | $\vdash$ | Н               |  |  |
|            | 129               |          |   | -  |          |          | $\vdash$                                    |          | _        | Н               |  |  |
|            | 129<br>130<br>131 |          |   |  |          |          |   |          | Т        | Н               |  |  |
|            | 131               |          |   |  |          |          |   |          |          | П               |  |  |
|            | 132<br>133        |          |   |  |          |          |   |          |          |                 |  |  |
|            | 133               |          |   |  |          |          |   |          |          |                 |  |  |
|            | 134               |          |   |  |          |          |   |          |          | Ш               |  |  |
|            | 135               |          |   | L  |          | _        | _   | L        | _        | Ш               |  |  |
| <u> </u>   | 136               |          | _ | $ldsymbol{f eta}$                                | _        | _        | <u> </u>                                    |          | <u> </u> | Ш               |  |  |
|            | 137               |          |   | <u> </u>   |          | <u> </u> | <u> </u>                                    | <u> </u> | <u> </u> | Н               |  |  |
| <b>.</b>   | 138<br>139        | <u> </u> |   | <del>                                     </del> | $\vdash$ | <u> </u> | $\vdash$                                    |          | $\vdash$ | $\vdash\vdash$  |  |  |
| <u> </u>   |                   | -        | _ | $\vdash$   | <u> </u> | -        | H   | -        | $\vdash$ | $\vdash\vdash$  |  |  |
| $\vdash$   | 140<br>141        | H        | - | -  | -        |          | -   |          | ├        | $\vdash\dashv$  |  |  |
| <b> </b> - | 142               |          | _ | $\vdash$   | -        | -        |   | -        | $\vdash$ | Н               |  |  |
|            | 143               |          | _ | H  | H        | H        | H   | -        | H        | H               |  |  |
| <u> </u>   | 144               |          |   |  | Н        | $\vdash$ | ┢   | Н        | М        | Н               |  |  |
|            | 145               |          |   | _  |          | Н        | Н   |          | Н        | Н               |  |  |
|            | 146               |          |   | П  |          | Γ        | Т   | Г        |          |                 |  |  |
|            | 147               |          |   |  |          |          |   |          |          |                 |  |  |
|            | 148               |          |   |  |          |          |   |          |          |                 |  |  |
|            | 149               |          |   |  |          |          |   |          |          |                 |  |  |
|            | 150               |          |   |  | L        | L        | $ldsymbol{ldsymbol{ldsymbol{ldsymbol{ld}}}$ | لا       |          | Ш               |  |  |